OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC204899L1V

Endothelin B Receptor (EDNRB) (NM_000115) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Endothelin B Receptor (EDNRB) (NM_000115) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Endothelin B Receptor
Synonyms:	ABCDS; ET-B; ET-BR; ETB; ETB1; ETBR; ETRB; HSCR; HSCR2; WS4A
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_000115
ORF Size:	1326 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204899).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_000115.1, NP_000106.1
RefSeq Size:	4296 bp
RefSeq ORF:	1329 bp
Locus ID:	1910
UniProt ID:	P24530
Cytogenetics:	13q22.3
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane

View online »

Protein Pathways: Calcium signaling pathway, Melanogenesis, Neuroactive ligand-receptor interaction

MW: 49.6 kDa

Gene Summary: The protein encoded by this gene is a G protein-coupled receptor which activates a phosphatidylinositol-calcium second messenger system. Its ligand, endothelin, consists of a family of three potent vasoactive peptides: ET1, ET2, and ET3. Studies suggest that the multigenic disorder, Hirschsprung disease type 2, is due to mutations in the endothelin receptor type B gene. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Oct 2016]